On 5673-5699
No. 4938 -4950

Lower Salifornia

Cruise,

1911.



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2	1911	NORTH.	WEST					0
STATION #	DATE	LATITUDE	LONGITUDE	CHART.	DEPTH	Bottom	Dis	600.62
A5-673	MARI	31-26-00	117-42-00	H.O. 1006	1090	Bly Sym	0.2	NE.
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6	11 27	35-18-30	121-28-00	11 1/	440	no sample	1	NC3W
7	4 4	35	39-00	p 11	485	9mm 80 D	7	N72W

REMARKS. near Boundary bet max & U.S. Quedaloupe us. north prapping to extens 1. NIZE Block House about mile too for cartivard from tongent 078W Elephantas 223 m north side of 2d being of east coast and patent log run 0718 . 11 " D18 hr " " " " " on north side of island N75 % 11 11 240 & 11 11 11 11 11 Reference made to Position of North Pr 165-8 as given on the chart h 29.10-12N & 118-17-30 m N60 E target with for N 46 En PK at Ileanor Pr 0118 DTE & From this bos groups of scales on banch G TRITE II II A II midway between pts at blephant bone 175 & and \$486 Rock and at one pts it Rook at Steamer Grant Atton Jane Id in Eno. Hock at Steam & Drie Elephant Rie N6 E " " " NHE June 28 1xtan 1236 * 9 * " X 2 W " " " " " " " Elephant Road in Come 2226 $\mu = 0$ $\rho = 0$ $\rho = 0$ Deaner Pr MYW " " " " 1218 0218 3782 Come NAZE Bluff Ox (1450) N78 E Lower Cal Thex. Jan Gablo By N 3 3 E Asuncion Pa N87 6 Between Backenas and Sonta mario Bays. Entrada O \$ \$53 m Redondo B & 15 m magdalena Bay off San Lucas Bay, Lower Col. Max. Calo Falso NGIN Cape San Lucas NII W
3 " " NIBN Cabego Ballen Worth South of magdalana Boy. Off Sorver California South of Abrajos Pr 's pri Walunded of 10% Breaken Or Low Cal N 72% " South " Cerros DA 8 . A Y HITE 10 9 11 " M728 " East of Guadalup od Hax mountain N 196 Pt Vincent Py N 47 & " " » Van Diego Wask of San Micales 28 Cal West of Pr Buckon, Cal. Bine hir N 42 E Willier BONANYOE Pine MIT N 75 E 1. " Picaras Blanca, Cal.

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STATION	DATE	LATITUDE	LONGITUDI	GNADO	7-3-			
		N	P.V.					me
		35-50-00	121-49-00	68. 500	2 475	NO SAMP	?	N72 W
47	11 4 4	36-00-30	122-00-00	4 "	649	m m	?	286 W

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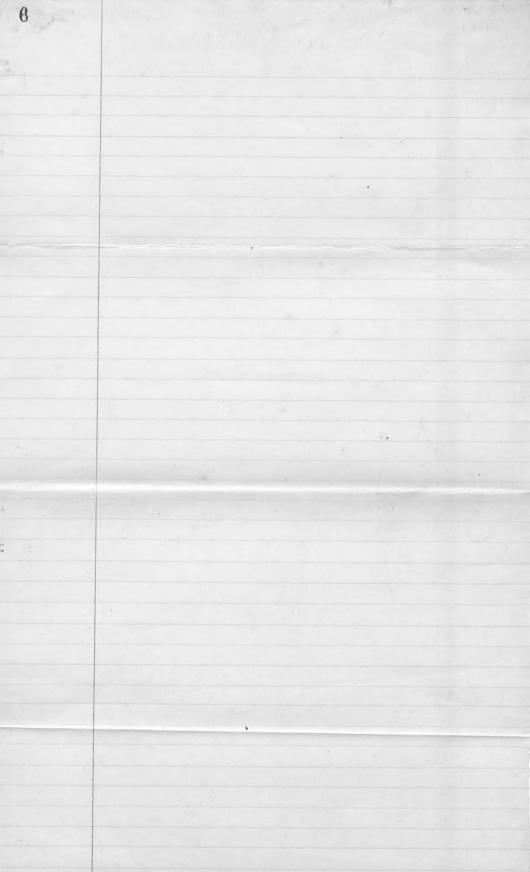
BE ARINGS TRUE

11 118 1 N 12 E

TREMARKS

GSur NG W guniperso MTN 478

off Or Sen Cal.



First dredging number for Lower Coliforma Cruste is D. 5673; was hydrographic in A. 4938. (Bureaux letter of Frby. 17, 1911.)

bk black bl blue br brown brk broken Clay C Choc Chocolate Co Coral Corln Coralline ors coarse dk dark fne fine For Formainifera Frag Fragments G Gravel Glob Globigerinae gn green gy gray hrd hard Inf Infusorial Lav Lava lge large lt light M Mud Mang Manganese Nod Nodules Oz Ooze P Pebbles Part Particles Pter Pteropods R Rock radiolarian rad Rky Rocky rd red S Sand Sh Shells sml small Sp Specks St Stones stky sticky vol volcanic wh

white

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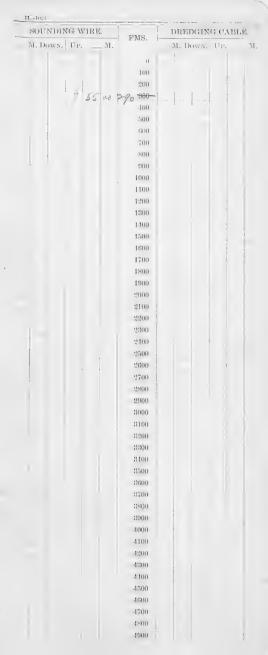
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predge No. D 5673 Date, March 1st , 1911
Sde. Mch. Jucas Reel Shot 3 L. Ibs.
Turns Cor'n Depth 1090 fms, Sag. Cup Sighte Amt. Bot'm Sample 3 of
Sas cun Sigahe . Amt. Bot'm 3
Character of St. gry M. Character of St. gry M. Make M. L. Thermom. No. 104914 Cor'n Stem.
(Make M. Z. (Instr.
Thermom. No. 104914 Corn Stem.
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56 Time 6 9.m 36
Temp. Surf. 56 Time 6 9 m. 4ir 56.
Density: Surf. fms.
Wind: Direction SE Force 2
Wind: Direction SE Force 2 Baromet. 30, 18-30, 73 Clouds 4 State of Sea S
Weather Te.
· (Caracteria)
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Tide
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TIT 10 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
General Locality Dear Boundary Let. Horison 113.
3782' Come - 32º 18'30 N, 1160 46'W - 6 me 15 42 E;
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Chart used: No. 7.0. 1006 Rd'n Gtt 1887. Drift: Direction Distance Distance Depth of Haul Bottom Apparatus and Ris used 12 Agassay 3 Gars
Drift: Direction 7. 6. Distance 2.2
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floots I Tail weight I mulling.
2 wing wits. (2016, ag.)
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Remarks: One bridle Son Carand and Bot: Jemp reading 13.8° le Malinometer 25.
Remarks:
(Bas: 5 12 80 1 10000 8)
1 Sty. etup. reading 10.8 6
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Nury Jung reading 15 6. 59.04
Surf: Temp reading 15°6. 59.0
A
Deck Officer A Deliver Recorder Augustes 11-1023

3 -
Hydrog No. 49 2 Date, Mile. 2 ,191
Sag. Mch. Thir Bligh Reel Shot Lead the
Turns Cor'n Depth 30-6 fms
Sale Cup Lead Amt. Bot'm Sample
Character of Bottom
Thermom. $\begin{cases} Make \\ No. \end{cases} Cor'n \begin{cases} Instr. \\ Stem. \end{cases}$
Bottom Reading
Temp. Surf. ST Time 7 cc accord Air ST
Density: Surf. fms.
Wind: Direction Force
Baromet, Amt. of State of Clouds Sea.
Weather
Direction and Force Surface. Rottom
Tide
Convert Locality 12 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Position 290 16 5 " 11. 118 15 45" C'.
Chart used: No. N. O. 1681 Rd'n QW. 1897
Drift: Direction Distance
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Apparatus and Rigused
Time towing h. n
Remarks:

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Hydrog No. 4434 Da	10, Ther a , 1911
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Character of Page 1	ыстрие
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Weather	**************************************
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Drift: Direction	Distance
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Apparatus and Rig used	
	Time towing h. m.
Remarks :	



Higher No. Africa Date, 7/28 3, 1911 Higher No. Africa Date, 7/28 3, 1911 Stag. Meh. Jev. K. Reet Leads Us. Turns Cor'n Depth // 6 fms. Sdag. Cup Amt. Bot'm Sample Character of Bottom Thermom. { Make Cor'n Stem. Bottom Reading Cor'd Temp. Time first. Time first. Density: Surf. fms. Wind: Direction fms. Wrather Direction and Force of Clouds State of Sea Sea State of Current. Bottom Tide. General Locality Rottom Tide. General Locality Rottom Toolion 39 09 36 11 118 23 20 44. Position 39 09 36 11 118 23 20 44.
Side, Mich. Car's Reet Leady this. Turns Cor'n Depth / 6 fms. Side, Cup Amt. Bot'm Sample Character of Bottom Thermom. Make Cor'n Stem. Bottom Reading Cor'd Temp. Temp. Surf. Time J Jir Density: Surf. Force Force Baromet. Clouds Stead Wreather Direction and Force Rottom Tide General Locality General Locality Position 29 09 36 H 118 25 ac 44.
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Thermom. \\ \No. \\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
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General Locality (1800) (18
General Locality (200 0) 200 10 10 10 10 10 10 10 10 10 10 10 10 1
Position 39 09 30 11 118 25 00" 41
Position 29 09 36 71 118 33 00 41.
Chart used: No. J. G. 1681 Rd'n
Drift: Direction Distance
Depth of Haul
Apparatus and Rig used
Time towing h. ms.
Remarks:
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Recorder

11-1023

Deck Officer ...

Hydrog. No. 4941	Date,	no.	5 , 19 1/
Sas. Meh. Jav. P.	. Reel	She	ths.
Turns Cor'n		Depth	20 fms.
Sdg. Cup Character of cra bl	Amt. Sa	sot'm mple	
Thermom. $\left\{ \begin{matrix} Make \\ No. \end{matrix} \right.$	Ca	$r'n$ $\begin{cases} Instr. \\ Stem. \end{cases}$	
Bottom Reading .		Cor'd Tem	n.
Temp. Surf.	Time /	.11	1 (= "
Density: Surf.		fms.	
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		-	
General Locality	11-11-1	F. 1. 11.	18 411
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Position Jy og'	oo" 71.		20 70
Chart used : No. 4 6 16	El Ed'n		
Drift: Direction		Distance	
Depth of Haut			
Apparatus and Rig used			
	Time	towing	h. m .
Remarks:			
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Bredde No. 446	14 = 1	ate, V	Miss.	·	, 19 1.
	Buil.	Reel		Mul4 Leads	Ibs.
Turns	Cor'n		Depth	.27	fms.
Sag. Cup		Amt. Bo	ot'm		,
Character of Bottom	ers bl	, Q.			
(Make			(Instr.		
Thermom.		Cor	n Stem.		
Bottom Reading			. Cor'd T	emp	******
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Temp. Surf.	Tin	ne		Jir	
Density: Surf		of the second and second	f	718	
Wind: Direction			Force		
Baromet.	Amt. Cloud	of ls	St	ite of Sea	
Weather					
Direction and Force of Current.	Bottom				
General Locality	Acres in	1.200	6 0	12.1	
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Position = 4	08',40	2: 1			11
Chart used: No. 76	.0.1681	Ed'n			
Drift: Direction	. ,		Distar	re	
Depth of Haul					
Apparatus and Rig	used				
		Time to	wing	h.	m.
Remarks:					
				*	

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Bridge No. 49143 Dat	. mas	- 5	,19 //
9 . 155.1	rel	Shot Leads	1bs.
Turns Cor'n		h 2/	fms.
Sdg. Cup	Amt. Bot'm Sample		
Character of dri de co	,		
Maker	(Inst	r.	
Thermom. $\left\{_{No.}\right\}$	Cor'n Sten	1.	
Bottom Reading	. Cor'a	t Temp.	
Temp, Surf. Time	10:00	dir	46
Density: Surf.		fms.	
Wind: Direction	Force .		
Baromet. Amt. of Clouds		State of Sea	
Weather			
Direction and Force Surface of Current.			
Tide			
General Locality Sichard	Reck .	(40)	T
50 50 501	1. 1180	4.11 23	11
rosition - ,		24 50	
	Ed'n		
Drift: Direction	Di	stance	
Depth of Haul			
Apparatus and Rig used			
	Time towing	11	. m.
Remarks:			

Hydrog No. 4944 Da	te, 211.62		, 19]/
Sag. Meh. Jur Porch	Reel	Leads	1bs.
Turns Cor'n	Dept	h 38	fms,
Sdg. Cup	Amt. Bot'm Sample		
Character of Bottom gy 2.6	26.		
(Make	(Instr	٠.	
Thermom. \\ No	Cor'n Stem		
Bottom Reading	Cor'd	Temp.	
Temp. Surf. 59 Tim	}	Air 64	0
Density: Surf.		fms.	
Wind: Direction	Force		
Baromet. Amt. o	f.	State of Sea	
Weather			
		1.00	
Direction and Force Surface of Current.			
Tide		/	y 1
General Locality & In Mount	Reeks, 31.	64. 5.	
Mer, at Strame 7	265.11	2.	
Position 74 06 30'	21. 118	25 00".	4:
Chart used: No. 4. 6. 1681	_ Ed'n		
Drift: Direction	Dis	stance	
Depth of Haul			
Apparatus and Rig used			
	Time towing	h.	m.
Remarks:			

Hydrog No. 1/14 5 Date,	211.11
Sag. Meh. Ini Blish Reel	. Steats 1bs.
Turns Cor'n	Depth 42 fms.
Sag. Cup	rt.: Bot'm Sample
Character of Lets 12	
(Make	(Instr
Thermon.	Cor'n Ston
7. // 7 1	Cor'd Temp,
Bottom Reading	
Temp. Surf.	11:00 \ dir
Time) '
Density: Surf.	fms.
Wind: Direction	Force
Baromet. Amt. of Clouds	State of Sea
Weather	
Direction and Force Surface	
Direction and Force of Current.	
Tide	
General Locality	Rose 71. 17 6.
Kies at Licenson &	11 2 9 5
Position 34" ob " Zo	" 21. 118 24 30" 61
16 00 11 001	,
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Drift: Direction	Distance
Depth of Haul	
Apparatus and Rig used	
7	'imetowing h. m
Remarks:	

Hydros. 16	Le Date	, Trisi	Shot	, 19 1 '
	Cor'n		in 25 ti	fms,
Sdg. Cun		Imt. Bot'm Sample	010,	
Character of Hollom		Sample.		
Thermom. $Make$ $No.$		Cor'n Ste		
Bottom Reading	*****************	Cor'	d Temp	*****
Temp. Surf.	6/ Time	1130-200	.tir 66	63
Density: Surf.			fms.	
Wind: Direction		Vorce		
Raromet.	Amt. of Clouds		State of Sea.	
Weather				
of Current.	turface Sottom			
Tide Production	NPE-1	, 18 , 41	- 7/2 v	· (
General Locality Ji	il sain	and Otta	morphism.	**************************************
Position 34 01	50 " 20	115	, to 10 11's	Ø
Chart used: No. 7. 6	1681	Ed'n		***
Drift: Direction.		Di	stance	
Depth of Haul				
Apparatus and Rig use	d			
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Remarks;				

SOUNDING WIRE	E. FMS.	DREDGING CABLE.			
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Dueder So. (1972) Date,		, 19 .
Sag. Mch. Til Reel	Hhat \ Lead \	lbs.
Turns Cor'n	Depth 89	fms.
Sag. Cup Ami	t. Bot'm Sample	
(Make	(Instr.	
Thermom.	Cor'n Stem.	
Bottom Reading	Cor'd Temp.	
Temp. Surf. Time	dir	· • •
Density: Surf.	fms.	
Wind: Direction	Force	
Baromet, Amt. of Clouds	State of Sea	* * *
Weather		
Direction and Force Surface Bottom		
Tide	5235	
7 3 LCL	0- St - 731	11275
General Locality	D= 7,-1 =	
Position 29.00-30 1V - 1/8-2	V- 11 11 1	
1 030000	&d'n	
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Drift: Direction	Distance	
Depth of Haul		
Apparatus and Rig used		
77	ime towing h.	n
Remarks:	ime towing n	
Remarks:		
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11-1023

Deck Officer ...

Hydrogs No. 46 44	Date,		, 19
Sag. Mch. 7	Reel	Shot \ Lead \	7bs.
Turns Cor'r	1	Depth 250	, fms,
Sdg. Cup	Amt. Bot's Samp	m le	
Character of Bottom			
Thermoni. {Make	Cor'n	Instr.	
\No	corn:	Stem.	
Bottom Reading		Cor'd Temp.	
	Time 4	- 1	he "
Temp. Surf.	Time	} ./ir	
Density: Surf.		fms.	
Wind: Direction		orce	
Baromet.	Amt. of Clouds	State of Sea	
Weather			
Name Surface and The Surface	toe		
Direction and Force of Current.			
Tide		(NEW.)	
		(/4 ,	
General Locality Hech .	-11% - 1	1 1	
General Locality	mere a S. m.	5	* /
	,	-, 71-	telesion.
Position 28 - 57 - 30 7		. <i>i</i> .	
Chart used: No. 70	66/ Ed'n		
Drift: Direction		Distance	
Depth of Haul			
Apparatus and Rig used			
	Time tow	ing h.	m.
Remarks:			
***********	***************		
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11-1023 SOUNDING WIRE. DREDGING CABLE. FMS. M. Down. | Up. . M. M. Down., Up. ... M. ()

Hydrog No. Math. Date, W. Ar. 19
Sdg, Meh. 7 Reel Bhott Leads 16
Turns Cor'n Depth 2 2 6 fm
Sag. Cup Amt. Bot'm Sample
Character of Bottom
$Thermom. \begin{cases} Make & Cor'n \\ No. & Stem. \end{cases}$
Bottom Reading Cor'd Temp.
Temp. Surf. \ Co Time 4 200
Density: Surffms.
Wind: Direction Force
Baromet. Amt. of State of Clouds Sea
Weather
Direction and Force Surface of Current.
Tide
Ceneral Locality The Gelt These State 1
Position 29-11-1517 - 18-72-11
Chart used: No. 370 /68/ Ed'n
Drift: Direction Distance
Depth of Haul
Apparatus and Rig used
Time towing h. m
Remarks:

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SOUNDING WIRE.		FMS.	DREDGING CABLE.			
M. Down, Up.	M.	PAIS.	M.	Down,	UP.	M
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Hydrog. No.	Date,	·	2	, 19
Sdg. Mch.	Reel	Sh	ot (1hs
Turns Cor'n		Depth	38	fms
Sdg. Cup	Amt. Bo San	t'm 1ple		
Character of Se Se	3			
Make		$\{Instr.$		
Thermom, \ No.	Cor'	n Stem.		
Bottom Reading		Cor'd Tem	p	
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Temp. Surf.	Time	.11	1	
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Baromet.	Amt. of Clouds	State Sec.	of	
Weather				
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General Locality	11/11/2		111	1
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Position - 6/-/	1101	1 - 22		,
Chart used: No. 1. 12	/68/ Ed'n.			
Drift: Direction		Distance		
Depth of Haul.				
Apparatus and Rig used				
	Time to		4.	
	11me to	nerng	11.	m.
Remarks:				
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SOUNDING WIRE. FMS.		DH	EDGI	AG C	ABLE.
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Sd5, Cup Amt. Fol'm Sample
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Therman Make . L. g. Con'n Instr.
No. 104914 Stem.
Bottom Reading 7.5 Cor'd Temp. 1. 7.
Toma Sund 58° Time 6' am 1 60°
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Density: Surf. fms. Wind: Direction & C.S. & Force 1.
Wind: Direction Edd E. Porce
Baromet. ?
Weather L_
Direction and Force Surface
of Current. Bottom
Tide
MONTH WAR MANUAL CO. C.
General Locality 31/82 Come. 7. 22°E.
Convert Locality 31/82 Com. n. 22° E. Beff Pear (14.50) n 78° E.
General Locality 2/82 Cone. 7. 22° E. 136 of 1200 (14.50') 7 78° E. Position 31 28' 45" 7 117° 09' 50" 4.
Position 31 28' 45" 7 117° 09' 30" 4. Chart used: No. 4. 6. 1149 Edin
Position 31 28' 45" 7 117° 09' 30" 4. Chart used: No. 4. 6. 1149 Edin
Position 31 28 45" 7 119 09 50" W. Chart used: No 4 9 1149 Edin Diril: Direction 7 49 W. Distance
Position 31 28 45" 7 119 09 50" W. Chart used: No 4 9 1149 Edin Diril: Direction 7 49 W. Distance
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Position 31 28 45" A 117° og 50" H. Chart used: No H. G. 1149 Edin Dirit: Direction M. Hg W. Distance Apparatus and Rigused 12' A granding & glass Time towing h. 24's m.
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Position 31 28' 15" A 119" og 50" H. Chart used: No. H. G. 1149. Ra'n Distance Depth of Haut Istorics Apparatus and Rigused 12' A garaning a glass Time towing h. 24's m. Remarks: Low Some dainy
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Dredge 1.Vo. 667 Date, 11
Sdg. Mch. Lines Reel 2 Shot St 1bs.
Turns 284 Cor'n - Depth 284 fms.
Sde, Cup Int. Both Sample
Character of Bottom
Thermon. \{ Make \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Bottom Reading 448° Cor'd Temp. 44.6
Temp. Surf. 630 Time 200 16 Air 670
Density: Surf. fms.
Wind: Direction 773W Force 2
Baromet. 21. 1) Amt. of State of State of Sea S
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Can T. M. P. 112 5 - Townson 1 10 5.
Position 2 70 27. 54 1 144 32 15 7
Chart used: No. F.O. 1310 Ed'n:
Drift: Direction S 50 W Distance 0.7 31-
Depth of Haul . Lotton
Apparatus and Rigused
a to the great hapter with a metion.
Time towing h. 20 m.
Remarks: The Santa of Son

also make a Vydro (110.495.2)
Dredge No. 5-6 Date,
Turns 647 Cor'n - 2 Depth 645 fms.
Character of
Bottom gas_1
Sag. Cup Legalitt Amt. Both Sample Character of gas f
Bottom Reading 3,22 Cor'd Temp. 39.0
No. 10 + 91 +
Wind: Direction 7
Baromet, 2-9.7 dmt. of. State of Sea
Weather Weather Sea Sea
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Direction and Force $\left. \left. \left. \begin{array}{l} Surface \\ of Current. \end{array} \right \right. \right. Bottom$
Tide,
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General Locality
ann, in bottomy
Position 25 31 15 118 29 3" . 1.
Chart used: No. 4. Q. 1493 Ed'n
Drift: Direction M. X'W Distance 0.2?
Depth of Haul Ar O'MELLE
Apparatus and Rigused.
- ats 1: - in
Time towing h. 20 m.
Remarks:
1301, Jamp. 16 6, Ap Ir. 24.6
Larg. " 18.3° " " 23.8
/ by:

Deck Officer

Recorde

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SOUNDING WIRE.	DREDGING CABLE.
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Dredge lac h (a ! hat h ' to !
Sdg. Mch. Reel Shot! & ths.
Hydrog \$ 100 Butt, Site Mch. Reel Shott St. Ibs. Turns 72 Cor'n Depth 73 fms. Site Cup Sample 2:
Sag. Cup Sample 2
Thermom. \\ \(\text{No.} \) O \(\text{ q} \) Cor'n \\ \ \ Stem. \\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Bottom Reading . 36.6
Thermom. \{\text{Make} \\ \text{No.} \cdot
Density: Surf fms
Density: Surf. fms. Wind: Direction N. U. Force 3 Baromet. 29,88 Amt. of 3 State of State of See State of See
Baromet, 29,88 Amt. of 3 State of Sea.
Weather
$\begin{array}{l} \textit{Direction and Force} \\ \textit{of Current}_{u_i} \end{array} \bigg \begin{array}{l} \textit{Surface} \\ \textit{Bottom} \end{array}$
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General Locality
Position .75 .22 45 71 112 16 06 11
Chart used: No. 4.0, 1493 Ed'n
Drift: Direction W. M. Distance O. 2
Depth of Haut 13 ollow
Apparatus and Rigused
Apparatus and Rigused
Time towing h. m.
Remarks:
The state of the same of the s
of a solution of the solution
Bot Temp. 18°6; Sp Gr. 28.2 Durf. " 19.1" " 23.2
West 19.1" 25.2
Deck Officer 11-1023

H-1623	
SOUNDING WIRE. FMS.	DREDGING CABLE.
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Dredge VNo. Date,	
Sale Mich. I de Le Reel	Leady , Ibs.
Turns Cor'n	Depth 13/1/ms.
Sag. Cup Am Character of S. Ren fix	Sample Color
Thermom. $\left\{ egin{aligned} Make & \dots \\ \mathcal{N}o, & \dots \end{aligned} \right.$	$Cor'n$ $\begin{cases} Instr. \\ Stem. \end{cases}$
Rottom Reading	Cor'd Temp.
Temp. Surf. Time	/ o
Density: Surf.	fms.
Wind: Direction WTVW	Force 2
Baromet, 30,01 Amt. of Clouds	8 State of S
Weather	

Direction and Force Surface	
Tide	
* PERMIT IN AL	ne en e
General Location In operator	1 Ban
General Locating Mogalation are Rock, Entruda 194. S.	53° W Redundar Pt & wol
Position 24° 35' 20" 71	111° 54' 35" W.
Chart used : No. 4 6 1636 Ed	
Drift: Direction 7. 810 W	Distance 0-6
Depth of Haul A storm	2700001100
	iscis Vim who I to
2	
· / /	7
Tin	netowing
temarks:	n, m ,

Deck Officer

Recorder

Dredge No. 1. 12 Date, 7.2 ,19
Bed 11. Shott yet the
Turns 2 25 Cor'n Depth 325 fms.
Sdø, Cup Sample
Turns 2 2 5 Cor'n Depth 3 2 5 fms. Sag. Cup Amt. Bot'm Sample Character of Bottom
(Make 7, 2) (Instr.
Character of Make Mig
Bottom Reading 47.3. Cor'd Temp. 44.
(62° Time 7:21) (65°
Temp. Surf.
Time ()
Density: Surf fms,
Wind: Direction 11. 11. Force 3
Temp. Surf. 67° Time 7. 21 Air 65° Density: Surf. fins. Wind: Direction 1/1/18/1 Porce 3 Baromet. 30.24 Clouds 10 State of County Co
Weather . O.
Surface
Direction and Force $Surface$ and $Surface$
Tide
General Locality
10000
Position 33° 49' 45" N., 111" 33' 00" W
Chart used: No. F. D. 1664 Ed'n
Drift: Direction 71 68° W. Distance 0.2
Depth of Haul bottons.
Apparatus and Rigused 12' agastus, 3 gives
floots, 140 be simber, 2 many
3 at 14 st 2 st
trail weight !
Time towing h. M. m.
Both water specime
1 Promise to 11
Romarks: Bottom water speciment door in Lob ettrough oversight

Deck Officer 11. Com Recorder Land

Dredge No. Date, , , 19 Lydrog No. Reel Shott James Ibs.
Sale Meh. Real Shot Lucal Ibs.
Turns 3 8 9 cor'n Depth 3 8 9 fms. Sas. Cup Ant. Bot'n Sample 2 2
Character of Alice On Alice
Thermon. {Make
Bottom Reading 23.7 Cor'd Temp.
Temp. Surf. G Time / 3 / Air
Density: Surf. fms.
Wind: Direction M.M.W. Force 3
Baromet. 30.04 Amt. of 10 State of Sea
Weather 6 6
1 Sunface
Direction and Force Surface
Tide
General Locality
Position 23° 40' 30" N. 111' 12' 45" W
Chart used: No. 4.0 1664 Ed'n
Drift: Direction 7. 68° W. Distance 0.2
Depth of Haul
Apparatus and Ris used 12 Again
pringlite, I Tail diversity is a
Time towing
Remarks:
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The state of the s
Bot: Theup 1506: Ap br. 26.6
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11-- 1023

But Sag. Meh. Lucas Reel L Short 35 Us.
Sag. Meh. due no Reel & Shot 35 Ilis.
Turns Cor'n Depth to fms.
Say, Cup history Amt. Both Dine in the
Turns Cor'n Depth Depth Dems. Sate Cup Table Manufer Dense Character of Mark No. 18 (2) Control of Manufer Dense D
Thermom. Make Cor'n Instr.
Rottom Reading 19 5
Temp. Surf. 68° Time 2 form lir 150
Densita: Surf. tms
Wind: Direction WAW Force 3
Baromet. 27. 98 Amt. of 10. State of S.
Weather Overcast
Ning: Surface
Direction and Porce Surface
Tide
General Locality
one no bording
Position 23° 33' 15" 2 111° 02' 10" 41
Chart used: No. A. a. 1664 Ed'n
Drift: Direction 71. 68°W. Distance 0.2
Depth of Haul
Apparatus and Riguscal Million Section 2 150 10 10 10 10 10 10 10 10 10 10 10 10 10
the state of the s
Time towing h. 20 m.
nemarks: Water to use in the fair
Charles to But and and

Deck Officer (1) Miles

Recorder Total

Bredge 1. No 1 (& V pate, V
Sdg. Meh LECAL! . Reel Lec Shott Leads . Ibs.
Turns 491 Cor'n Depth 491 Ims.
Site. Cup Amt. Bot'm Sample Trace Character of S.
Thermom. Make M.J. Cor'n Stem.
Bottom Reading 4 Cor'd Temp. 40.8
Temp. Surf. Time do do day.
Density: Sury Water bottle Dogerfine
Wind: Direction West Force 5
Baromet. 2.1.9 Amt. of State of Clouds Sea
Weather C'S.
Direction and Force Surface of Current. Bottom
Tide
i -P
General Locality
Position 2 2 °
Chart used: No. 1 L. Edin
Drift: Direction S18W. Distance
Depth of Haut & oth on
Apparatus and Riversed 12 Spartery
ered to be a section of the
december 1
Time towing h . $f \circ m$.
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Deck Officer Ca. D. C. lecorder
Deck Officer

SOUNDING WIRE.	FMS.	DREDGING CABLE.
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Dredge VNo. 7583 Date, J. 25 , 1922
Sdo, Mch. Sac Can Real Shot 36 The
Turns 360 Cor'n Depth 630 fms. Sate Cup Sample 20. Character of Bolton 20.
Sde, Cup Cistore Amt. Bothm Sample
Character of Standard Cor'n Stem. Rottom Reading 393 Cor'd Temp. 39.1
(Make 7/3 (Instr.
Thermon. No. 10 de 1 Cor'n Stem.
Bottom Reading 39.3 Cor'd Tenn 39.1
73° Time /: 00 to 170
Temp. Surf. Time 100 p Air 70 Time 2:0. p Air Ai
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Wind: Direction Not Force 3
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Direction and Porce Surface Bottom
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General Locality Com Just of reference Sale
2.6 % 30 the W. Car
Partition 22 of VE TV- 100-50-15-W
Ohart used: No. 10 164 Ra'n. Drift: Direction Distance D
Drift: Direction State Distance Distance
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Apparatus and Rigused
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11-1023

Dredge 110. Date, 197
Sdd, Meh Reel Shott !
Turns 17 Lad Cor'n Depth 1760 fm
Sa.z. Cup Amt. Bot'm Sample
Character of Bottom
Thermon. \{\sum_{No. 104914}\text{Cor'n}\}\{\sum_{Stem.}\tag{Stem.}\}
Bottom Reading
Temp. Surf. 670 Time 6 a.m. Air 6h
Density: Surf. fms. fms.
Density: Surf. fms. Wind: Direction L. H. D. Force 3.
taromet. Ant. of State of Sea
Weather 2 2
Direction and Force Surface of Current. Solton
Tide
General Locality 12 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Position 25 25 30" 71, 112 " "" "" ".
Chart used: No. HO 1664 Edin
Drift: Direction 1/ (1) x (C) Distance
Depth of Haut
Apparatus and Rigused 📝 😕 😕 😕
Time towing h. 30 m
Remarks:
provide and the second

Deck Officer.

11 - 10,3

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SOUNDING WIRE.		DREDGING	(111) (1
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Bredge No. The Date, Little	, 19
Sdg. Meh Reel Shott ?	~ ibs.
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No. 1050/8 Stem.	
Bottom Reading 200 (2) Cor'd Temp.	
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Weather OC	
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Direction and Force Surface of Ourrent. Bottom	
Tide	
General Locality - 200 Kr Carry	
Position 75-47 -45 112008-11 111	
Chart used : No. The Ed'n Color	
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Apparatus and Rigused	
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1 711-1-7-11	
Remarks: M. 1. I.)_m,
Remarks: The total	

Deck Officer // call : Recorde.

SOUNDING WIRE.		DREDGING CABLE.
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Date, Wille Dredge No. 3 . . . Sag. Meh. : Last Rect Lies Shott 35" 1bs. Depth ? 37 fms. Turns 930 Cor'n Salg. Cup . Salge . Amt. Bot'm Sample Character of gundling & Thermon. Make 7. 4 Rottom Reading Time 3 p.m Time 4 Density: Surf. fms. Wind: Direction Force 0 Baromet, 299 Amt. of Weather fr. Direction and Force Surface of Current. Tide .. General Locality Co Tone Court 61540120 121 51. 14' 00' H. 114 Chart used : No. N. C. 14 7 2 Ed'n Drift: Direction W.X.S. Depth of Haut 10000 Time towing

SOUNDING	WIRE.	737541	DREDGING CABLE
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07 15	31 33	200	#14 3 C"
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Dred ge 1 No Date, , 19
Sile Meh. Late Reel Shot Ibs.
Turns Cor'n - Depth () fms
Side, Cup S
Character of Bottom
Thomas Make (Instr.
Thermon. {Nake /
Bottom Reading 40° Cor'd Temp. 461
(60° Time / 300) 61°
Temp. Surf. 60° Time 150 Air 62°
Density: Surffms.
Wind: Direction NW Force 3
Baromet. 30.04 Amt. of 3 State of Sea
Weather
Direction and Work (Surface
Direction and Force Surface of Current.
Tide
General Locality
Leeneral Locality
Position ??
Chart used: No Ed'n
Distance Distance
Apparatus and Rigused
I my may have in it is to the contraction of
Time towing h , m ,
Remarks: 1. Time 14.0
12 More Time 14.9
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E 3-15. 15.7
5 4 Car. 11.5
eir / s
Deck Officer Recorder

Dredge No. 7662 Date, 23 19 Sdg. Meh. 10 A Rect Shot bead Dis. Turns 55 Cor'n Depth fins. Sdg. Cup Amt. Bot'm Sample 00
Salg. Meh. C. M. A
Turns Jy Cor'n Depth Jy fms.
Sag. Cup Amt. Bot'm Sample
Thorman Make (Instr.
No. 10 Corn Stem.
Bottom Reading 29.8° Cor'd Temp. 39 9
Thermon. \{\begin{aligned} Make & \tau_1 & \tau_2 & \tau_
Density: Surf. fms.
Wind: Direction NW Force 3
Density: Surf. fms. Wind: Direction NW Force S Baromet. 30, 03 Amt. of Sea S Weather
Weather 50
Direction and Force Surface Bottomi
Tide
teneral country France (MIST)
Position?
Thart used: No. #0/3/0 Ed'n.
Drift: Direction Distance Depth of Haut Ipparatus and Rivused 15.
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Apparatus and Rigused 2. C. C. A. T.
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Co. Co. 25.
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eck Officer 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Recorder (11-1023

SOUNDING WIRE.	FMS.	DREDGING CABLE
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Dredge Wo. 5 (Date, 1 7 ,19.
Site Mch. Reel Shot 3 lbs Turns Corn Depth 79 fms Site Cup Amt. Bot'm Sample 2/2 of Bottom (Make Instr.
Sag. Cup Linke Amt. Bot'm 2/2 or
Character of Bottom
Thermom. {Make Cor'n {Instr. Stem.
Bottom Reading (1977) . Cor'd Temp.
58° Time (00) (58°
Temp. Surf. So Time Cool Temp.
Density: Surf fms
Wind: Direction N. W. Force 3
Baromet. 30.00 Amt. of State of S
Weather
Direction and Force Surface of Current. Solution
Tide
· 2 = -/
General Locality
Position 29° 23' 00" 72, 116° 14' 00" W
Chart used: No. Thu 1142 Edin
Drift: Direction 76. 27 10. Distance ?
Depth of Haul Bollon
Apparatus and Rigused 12
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Time towing h. 30 m
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Deck Officer 11 . Recorder (4 mil 14 1023
Deck Officer 11 Recorder Grant 1023

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Sde Cun Sample	
Character of On MGlv6	
(Make / C. (Instr.	
Thermom. No. C. C. West Cor'n Stem.	
Turns // O / Cor'n Depth // O / fm Sile Cup Character of gr M Glorb Thermom. No. Cor'n Stem. Bottom Reading 38 ° Cor'd Temp. 38.1	
(SBC Time 1Day) (was.	
Temp. Surf. St. Time 12 Miles Air 6.00	
Density: Surf. fms. Wind: Direction IV Force 3. Baromel. 30.09 Amt. of Clouds 10 State of Sea. S.	
Wind: Direction TVW Force 3	
Baromel, 30.05 Amt. of 15 State of S	m He had I
Weather O vox C. C.	
Direction and Force Surface	
of Current. Rollom	
Tide	
General Locality Co Anna Care Comment	3,
Position 37 39' 20" 11, 116 18' 60" 16	
Chart used: No. X Q 1192 Ed'n	
Chart used: No. N. G. 1192. Rd'n Drift: Direction S. 82° W. Distance	
Depth of Haul Tolling	
Depth of Haut Dollows Apparatus and Ricused 12	
But the state of t	
Time towingh	772,
Remarks: 11 C	
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14'. C	
19.5 The 19.5.	
14. 17.	
Deck Officer: Recorder 11-10:3	

SOUNDING WIRE. ### Down, UP. ### J.	11—1023		
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Dredge No. Date, , 19
Sd.g. Meh. Reel Shott Leads the
Turns Cor'n Depth 2 fms
Side Cup , Amt. But m Sample Character of Al. A. Bottom
Thermom. {Make 1 } C Uor'n {Instr. Stem.
Bottom Reading . Cor'd Temp. 3/
Temp. Surf. Time (20.4) .lir 57
Density: Surf. fms.
Wind: Direction 11 MM Force 2-3
Baromet. 2. Co Amt. of Counts State of Sea
Weather
Direction and Force Surface Of Current.
Tide
General Locality
Note that the second
Position 31 68 2 7 . 118 30 50 1
Chart used: No. 1 Ed'n
Drift: Direction of 82° W. Distance ?
Depth of Haut Lollows
Apparatus and Rigused 12 / and a 13
Apparatus and Rigused 12 / 2 0 13
Time towing
Time towing
Time towing
Time towing

Drek Officer VV ... Recorder H-1023

Dreitge No. Date, 19 //
Sale Meh Shot Beel Shot Shot Ibs.
Turns 10 6 cor'n Depth 1076 fms.
Sag. Cup Amt. Bol'm Sample / 0 7
Character of Bottom 94: 711
Make 113
Thermom. (No. Of all Corn Stem.
Turns 10 6 Cor'n — Depth 10 6 fms. Sdg. Cup
(. (7° Time 11:7' -)
Bottom Reading Cor'd Temp. 2/- 1 Temp. Surf. 60 Time 1:00 Air 61
Density: Surf fms fms.
Wind: Direction Pt 11. Pt. Porce 3
Baromet. 2.2. 2. Clouds / State of Sea.
Weather O and St.
Direction and Force Surface
of Current.
Tide
General Locality 1 2 3 1 2 3 11 1 2 3 1 2 3 11 2 3
Civil Lower Car,
Position
Chart used: No. H.O. 1006 Ed'n
Drift: Direction & (2 1. 1 Distance)
Depth of Haur Lottoin
Apparatus and Rigused 12
2 - 2
Time towing 1.20 m.
Remarks:
1 3.5
C.S. Cor. 25.8
" + 2, 2 , Tal., 15.0
Sp. gr. 23.6
/ /
Deck Officer Recorder 11-1023
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E' E Land Care

SOUNDING WIRE.	DREDGING CABLE.		
FMS. UP. S.M.	ZM. Down, Up. ZM.		
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Dredge 100 5 Dute, , 19
Salg. Meh ! ! C ' ' Reel ' . Shott ' His
Turns . Cor'n Depth . fms
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Character of Bottom
Make . (Instr.
Thermom. $\left\{ No. \right\}$ Cor'n $\left\{ Stem. \right\}$
Bottom Reading ? Cor'd Temp
Temp. Surf. Sef Time . C Sir 53
Density: Surffms.
Wind: Direction tariable Force
Baromet. Ant. of 1 5 State of Clouds Sea
Weather 52
Direction and Porce Surface
Direction and Force of Current.
Tide _
General Locality J. 1. 29
Position 12 18 35 21 12 64 2 "
Chart used: No. 6. 4 5002 Ed'n
21 a10 tel
Distance
Depth of Haul
Apparatus and Rig used ()
SCHOOL CASE SELECTION
Time towing h. 30 m.
Remarks:
period and period of the same
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SOUNDING WIRE.	DREDGING CABLE.
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21/2/2/
Bredge 1 No. Date,
Salg. Meh. Reel Shott Louds . Ibs
Turns 640 Cor'n - Depth 640 fms
Sag. Cup Sisse Amt. Bot'm Sample / Am.
Character of graff
Thermon. No. Cor'n Instr.
Bottom Reading Cor'd Temp,
Temp. Surf. Styo Time 10:00 a. Air 560
Density: Surf. Pariable Force.
Raromet. Amt. of State of Sea
Weather
Direction and Force Surface Bottom
Tide
and the second second second second second second
Concrat Locatity 200 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Position 35 Sec 2 1. 200 2 48
Chart used: No. 64 500 2 Rd'n
(12011)
Depth of Haul Softman
1512
Apparatus and Rig used
Time towing h. 2 m.
Remarks:
7. 7

Dredge No Date,
Sale. Mch. Reel The Shott of Ths.
Turns 534 Cor'n Depth 534 fms. Sas. Cup Sinstell Amt. Bot'm Sample
Sag. Cup Signalities Sample
Bottom
Thermom. $ \begin{cases} Make & ? \\ No. & ? \end{cases} $ $ \begin{cases} Cor'n \\ Stem. \end{cases} $
Thermom. Stem.
Bottom Reading 3' Gor'd Temp.
Rottom Reading
Temp. Surf. 57° Time 1:02 Air 57°
Wind: Direction A. DV. Force 3
Wind: Direction A. Aml. of Force & State of Sea
Weather 2
Surface
Direction and Force $\left\{ egin{array}{ll} Surfacr \\ of Current. \end{array} \right\}_{Bottom}$
Tide
According 17500 to 10000 to 1000 to 10
General Locality 7/2 1 2 Jan 1/2 2 2
Position 32 22' 20 11 12 11 22' 11
Chart used: No. 6 D. 5002 Bd'n
Drift: Direction Distance
Depth of Haut battorie
Apparatus and Rig used
Alice Control of the
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Remarks:
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Deck Officer (Recorder. 11-1023

11-1023

Dred se No Date, 19
Salg. Meh. Reel Shot Lead 1bs.
Turns Cor'n Depth (ms
Salg. Cup - Amt. Bot'm Sample
Character of Bottom
Thomas Make Make (Instr.
No. 10 8/90 Corn Stem.
Bottom Reading Cor'd Temp.
540 Time 6:00 d
Temp. Surf. Time 200 A
Density: Surf. fms.
Wind: Direction . W . W . Force 4
Baromet. Amt. of State of Sea
Weather b-c
·
Direction and Force Surface
of Current. Bottom
Tide
General Locality Character & Post Character
Pine My. 21.45: 5.
Position 35 12 30 11, 121 30 00 16.
Churt used : No. F. J. Es Edin
Drift: Direction 1.630 W. Distance
Depth of Haul Bottom
Ipparatus and Rigused
area of the same and the same a
Time toming
Time towing h. m.
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131 Pr. 25.1
10 = 1 - 12.2
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C. 0
Drek Officer . To was or Mecorder . 11 11-1023

Dreage No. 77 Date, ,19 Sdg. Mch. Reel Shot Head his. Turns Cor'n Depth fms. Sdg. Cup Cien Social Mat. Bot'm Sample Character of Bottom Am. 15 C.
Sag. Meh. Reel Shot Lead 1bs.
Turns Cor'n Depth fms.
Sag. Cup Cinsbee Amt. Bot'm Sample
Character of gn 7176 k S
Thermon. \{\text{Nake}\tau_{\text{No.}} \frac{108157}{\text{Cor'n}}\text{Instr.}\text{Stem.}\text{Stem.}\text{Bottom Reading 39.9° \text{Cor'd Temp. 39.8}
Bottom Reading 39,9° Cor'd Temp. 39.8
Temp. Surf. \ \ \int_{\inlettilet{\int_{\int_{\int_{\int_{\inttilet{\int_{\inttilettilet{\intitle\int_{\int_{\inttiletilet\int_{\intitunlettilettilettilet\int_{\inttiletilettilettilet\int_{\intitiletilettiletilet\int_{\intitiletiletilet\int_{\intitiletilet\intititiletilet\int_{\intiletiletilet\int_{\intitiletiletilet\intitiletiletiletiletilet\intiletiletiletiletiletiletiletilet\iiitiletiletiletiletilet\iiitiletiletiletiletiletiletiletiletilet
Density: Surf. Wind: Direction Wind: Direction Weather Fins. Force 4-3 Force 5-3 Weather
Wind: Direction Porce To State of
Baromet. Co-/8 Ami. of Seas
Weather
Direction and Force Surface of Current. Boltom
Tide
General Locality West Power And March Carlos Position 35" 25" of 11 121" 59" of 12 Position 35" 25" of 11 121" 59" of 12 Position Distance of 12 Power of Haut & Thomas Apparatus and Rigusted 12" of
Remarks: War 6 2 - 72 - 11. 8 St. C. 25. 2 ENC - 27. 8
Deck Officer Mr. The Anna Recorder 11-1023

Dredge No. 5 . Date, C. 19
Sas. Mch. Jugas Reel Jugas Shot 315 7bs.
Turns 4 / Cor'n - Depth 4 Ims.
Turns 4 Cor'n Depth 4 ms. Sag. Cup Li Amt. Bot'm Sample Character of No cample:
Thermom. {\begin{aligned} Make \(\frac{1}{2} \), \
Bottom Reading 42° Cor'd Temp. 39.9
Temp. Surf. { 53.6 Time 24.00 } dir } 53.0
Densitu: Surf. fms.
Wind: Direction O. O. Porce 3-4 Buromet. 201 State of Sea
Buromet. 29.1 Amt. of State of Sea
Weather 25 5
Direction and Force $\left\{ egin{align*} Surface & \\ of Current. \\ Hottom & \end{array} \right.$
Tide
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Remarks:
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Recorder

Deck Officer

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Dredge No. Date, 19
Shot, Meh. Reel Shot . Ibs
Turns Cor'n Depth fms
Sd.g. Cup Amt. Bot'm Sample
Character of Bottom
(Make
Thermom. $\left\{ No. \left(\frac{Corin}{Stem} \right) \right\}$
Bottom Reading Cor'd Temp.
Temp. Surf. Time
Density: Surf. fms.
Wind: Direction, TW. Force 4
Baromet. State of Clouds Sea.
Weather 2 C
Direction and Force Surface of Gurrent. Soltom
Tide
Convent Locality (Para in Nev., 11.
Position To de Set 21 197 100
Chart used : No. C. N. F. F. Ed'n
Drift: Direction A The Distance
Depth of Haul Bollows.
Apparatus and Rigused / 5
But to the first
Time towing h, \ldots, m
Remarks;
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Deck Officer

SOUNDING WIRE.		DREDGING CABLE.
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Dredge (No.	Date,		, 19
Sdg. Mch.	. Reel	Shot (lls
Turns Cor'n		Depth	fms
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Thermom. $Make$	Cor'n	Instr.	
Bottom Reading		Cor'd Temp.	
Temp. Surf.	Time Time	Air	
Density: Surf.	****	fms.	
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General Locality			
Position			
Chart used: No.	Ed'n		
Drift: Direction:	E(U.N		
Depth of Haul		Distance	
Apparatus and Rig used			
	Time towir	ri h.	m.
Remarks:			

11-1023						
SOUNDING WI	RE.	FMS.	DREDGING CABLE.			SLE.
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Dredge Hydrog. No	Date,	Shot \ Lead}	, 19
	Jor'n		
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Sdg. Cup Character of Bollom	Samp	ole	
Bottom'			
Thermom.	Cor'n	Instr.	* * * * * * *
No.		Stem.	
Bottom Reading		Cor'd Temp	
(Time .) (1.0.3
Temp. Surf.	Time	dir	
Density: Surf.	,	fms,	
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	Amt. of Clouds	State of Sea	
Baromet.	Clouds	Sea '	
Weather			
of Current.	urface		
Tide .			
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Position			****
Chart used: No.	. Ed'n		
Drift: Direction		Distance	
Depth of Haul			
Apparatus and Rig used	,		
representation and the tests			
	Time tow	ing h.	m.
Remarks:			

Dredge Hydrog.} No	Dat	C,	GT 4)	, 19
Sdg. Mch.	Ii	Beel	Shot \ Lead \	lbs.
Turns	Cor'n	Depth	ι	fms.
Sag. Cup		Amt. Bot'm Sample		
Character of Bottom				
Make		Cor'n Instr		
Thermom. \ No.		Stem		
Bottom Reading		Cor'd	Temp.	
Temp. Surf.	Time	}	$\mathcal{A}ir$	
Density: Surf.			fms,	
Wind: Direction		Force		
Baromet	Amt. of Clouds		State of Sea	
Weather				
Direction and Force of Current.	Surface			
of Current.	Bottom			
Tide				
General Locality				
General Locality				
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Position				
Chart used: No.		Ed'n		
Drift: Direction		Dis	stance	
Depth of Haul				
Apparatus and Rig	used			
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Remarks:		.5		

Dredge No.	Date, .	** ****** **	, 19
Sd.S. Mch.	Reel	Shot \ Lead}	1bs
Turns		Depth	fms
Sdg. Cup	Amt. Bot' Samp	m le	
Character of Bottom			
Thermom. $Mak_{''}$		(Instr.	
Thermom.	· Cor'n	Stem.	
Bottom Reading		Cor'd Temp.	
Temp. Surf.	Time) (or the life had not one one the foreign become
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Wind: Direction		rce	
Baromet.	Amt. of Clouds	State of Sea	
Weather			
Direction and Force	urface		****
of Current.	Rottom		
Tide			
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General Locality			
Position			
Chart used: No.	Ed'n		
Drift: Direction		Distance	
Depth of Haul			
Apparatus and Rig used	ī		
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Remarks: .			

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Dredge Hydrog.} No.	Date,		, 19
Sdg. Mch	Reel	Shot \Lead}-	lbs.
Turns Cor'n		Depth	fms.
Sdg. Cup	Amt, 1 Sa	Bot'm mple	
Character of Bottom			
Thermom.	Co	$r'n$ $\begin{cases} Instr \\ Stem \end{cases}$	
Bottom Reading		Cor'd Temp.	
Temp. Surf.	Time .	} Air {	10 Mel 100 Mel
Density: Surf.		fms.	
Wind: Direction		Force	
Baromet.	Amt. of Clouds	State of Sea	
Weather			
Direction and Force Surfa of Current.			
Tide			
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General Locality			
Position			***
Chart used: No.	Ed'r	1.	
Drift: Direction		Distance	
Depth of Haul			
Apparatus and Rig used			
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Remarks:			
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Dredge Hydrog.} No	Date,		, 19.
Sdg. Meh	Reel	Shot \ Lead?	7bs.
Turns	Cor'n	Depth	fms.
Sdg. Cup	.lmt. Bot'. Samp	le	
Character of Bottom	****		
Thermom. $\begin{cases} Make & \dots \\ No. & \dots \end{cases}$	Cor'n	{Instr. Stem.	
Bottom Reading		Cor'd Temp.	
Temp. Surf.	Time	Air	of the second second second second
Density: Surf.		fms,	
Wind: Direction		orce	M. An de cel co cir. 150 550 550 550 550 5
Baromet.	Amt. of Clouds	State of Sea	
Weather			
of Current.	Surface Bottom		
Tide	AND		
General Locality			
Position			
Chart used: No	Ed'n		
Drift: Direction		Distance	
Depth of Haul	***************************************		
Apparatus and Rig us	ed		
	Time tone	ing h.	m.
Remarks:			

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SOUNDING WIRE.		FMS.	DREDGING CABLE.			LE.
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Dredge Hydrog,} No.	Date,		, 19
Sd.g. Mch.	Reel	Shot \ Lead}	lbs.
Turns Cor'n		Depth	fms.
Sdg. Cup	Amt.	Bot'm Sample	
Character of Bottom			
Thermom. $\left\{egin{aligned} Make \\ No. \end{aligned} ight.$	6	Cor'n { Instr. Stem.	
Bottom Reading		Cor'd Temp	
Temp. Surf.	Time Time	Air	
Density: Surf.		fms.	
Wind: Direction.		Force	
Baromet.	Amt.of $Clouds$	State of Sea	
Weather			
Direction and Force $\left\{ egin{array}{l} Surform \\ of Current. \end{array} \right\}_{Botto}$	ace om		
Tide			
General Locality			
Position			4 44 4 44
Chart used: No	E	t'n	
Drift: Direction.		Distance	
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Depth of Haul			
Apparatus and Rig used			
	Ti	me towing	14 711.
Remarks:			

Recorder ...

11-1023

Deck Officer

SOUNDING WI	RE.	TARKO	DREDGING CABLE.	
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Dredge Hydrog. No Da	le,	, 19
Sdg. Mch.	Reel	$\{Shot\}_{Lead}\}$
Turns Cor'n	Depth.	fms.
Sdg. Cup	Amt. Bot'm Sample	***************************************
Character of Bottom		
(Make	(Instr.	
Thermom. \{\No. \ldots	Cor'n Stem.	
Bottom Reading	Cor'd	Temp
(Time	:)	
Temp. Surf.		Air
Density: Surf.		fms
Wind: Direction	Force	
Baromet, Amt. o. Clouds	8	tate of Sea
Weather		
** ***************		
Direction and Force Surface		
Tide		
General Locality		
were the theory		
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Position		
Chart used: No.	Ed'n	
Drift: Direction	Dist	апсе
Depth of Haul		
Apparatus and Rig used		
	Time towing	h, m .
Remarks:		

SOUNDING WIRE.				FMS.	DREDGING CABLE.				
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Sdg. Cup	Amt. Bo	ot'm	
Character of Bottom			
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Bottom Reading		Cor'd Temp.	
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Temp. Surf.	Time	Air	
Density: Surf.		fms.	
Wind: Direction		Force	
	Amt. of Clouds	State of Sea	
Baromet.	Cloud's	Sea	V
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of Current.	ottom		
	ottom		
Tide			
General Locality			
71 141			
Position			
Chart used: No	Ed'n		
Drift: Direction		Distance	
Depth of Haul			
Apparatus and Rig used	t		

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Remarks:			
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Deck Officer	Recor	rder	

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SOUNDING WIRE.			DREDGING CABLE			
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